

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Under 37 CFR § 1.63; includes reference to PCT International Applications)

CURTIS, MORRIS & SAFFORD, P.C.  
File No.: 370208-2250

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED: *MULTI-ARRAY, MULTI-SPECIFIC ELECTROCHEMILUMINESCENCE TESTING*, the specification of which      is attached hereto X was filed on SEPTEMBER 7, 1996 as X United States      PCT Application No. 08/715,163 , with amendments through      (if applicable, give details).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United State of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT International applications designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign/PCT Application(s) [list additional applications on separate page]:

<u>Country (or PCT)</u>	<u>Application Number:</u>	<u>Filed (Day/Month/Year)</u>	<u>Priority Claimed:</u>	
			<u>Yes</u>	<u>No</u>
PCT	US96/03190	06/03/95	X	

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. (or U.S.-designating PCT) Application(s) [list additional applications on separate page]:

<u>U.S. Serial No.:</u>	<u>Filed (Day/Month/Year)</u>	<u>PCT Application No.</u>	<u>Status (patented, pending, abandoned)</u>
08/402,076	10 MARCH 1995		PENDING
08/402,277	10 MARCH 1995		PENDING
08/611,804	06 MARCH 1996		PENDING

DECLARATION FOR PATENT APPLICATION  
AND POWER OF ATTORNEY (Under 37 CFR § 1.63)

CMS Docket No. 370208-2250

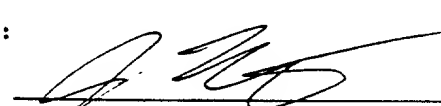
I hereby appoint BARRY EVANS, Registration No. 22,802, and Curtis, Morris & Safford, P.C., Registration No. 12,761, or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and specify that all communications about the application are to be directed to the following correspondence address:

BARRY EVANS, Esq.  
c/o CURTIS, MORRIS & SAFFORD, P.C.  
530 Fifth Avenue  
New York, NY 10036

Direct all telephone calls to:  
(212) 840-3333  
to the attention of:  
BARRY EVANS


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S):

Signature: 

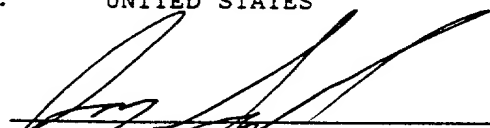
Date: 12/4/96

Full name of sole or first inventor: JACOB N. WOHLSTADTER  
Residence: 9905 GABLE RIDGE TERRACE, APT. D, ROCKVILLE, MD 20850  
Citizenship: UNITED STATES

Signature: 

Date: 12/4/96

Full name of 2nd joint inventor (if any): JAMES WILBUR  
Residence: 9903 GABLE RIDGE TERRACE, ROCKVILLE, MD 20850  
Citizenship: UNITED STATES

Signature: 


Date: 12/4/96

Full name of 3rd joint inventor (if any): GEORGE SIGAL  
Residence: 304 SUNNY BROOK TERRACE, GAITHERSBURG, MD 20877  
Citizenship: UNITED STATES

Signature: 

Date: Dec. 4, 1996

Full name of 4th joint inventor (if any): MARK MARTIN  
Residence: 6516 OLD FARM COURT, ROCKVILLE, MD 20852  
Citizenship: UNITED STATES

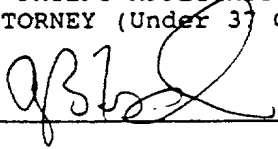
Signature: 

Date: 12/4/1996

Full name of 5th joint inventor: LIANG-HONG GUO  
Residence: 14611 PHILIP COURT, LAUREL, MD 20708  
Citizenship: PEOPLE'S REPUBLIC OF CHINA

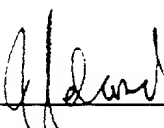
DECLARATION FOR PATENT APPLICATION  
AND POWER OF ATTORNEY (Under 37 CFR § 1.63)

CMS Docket No. 370208-2250

Signature: 


Date: 12/4/96

Full name of 6th joint inventor: ALAN FISCHER  
Residence: 80 ANTRIM STREET, CAMBRIDGE, MASSACHUSETTS 02139  
Citizenship: UNITED STATES

Signature: 

Date: 12-4-96

Full name of 7th joint inventor: JON LELAND  
Residence: 14236 AMBERLEIGH TERRACE, SILVER SPRING, MARYLAND 20905  
Citizenship: UNITED STATES

Signature: 

Date: 12/4/96

Full name of 8th joint inventor: MARK A. BILLADEAU  
Residence: 4605 Highboro Court, Mt. Airy, Maryland 21771  
Citizenship: UNITED STATES

Post Office Address(es) of inventors [if different from residence]:

NOTE: In order to qualify for reduced fees available to Small Entities, each inventor and any other individual or entity having rights to the invention must also sign an appropriate separate "Verified Statement (Declaration) Claiming [or Supporting a Claim by Another for] Small Entity Status" form [e.g. for Independent Inventor, Small Business Concern, Nonprofit Organization, Individual Non-Inventor].

40,00 551 7/15  
01-31-1997

CMS Ref. No.: 370208-2250

FORM PTO-1595  
(Rev. 6-93)

REC-1

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100347445

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies) NTO 12-27-96  
Jacob M. WOHLSTADTER, James WILBUR, George SIGAL,  
Mark MARTIN, Liang-Hong GUO, Alan FISCHER, Jon LELAND and  
Mark A. BILLADEAUAdditional name(s) of conveying party(ies) attached?  
— Yes X No

2. Name and address of receiving party(ies)

Name: MESO SCALE TECHNOLOGIES, LLC.

Internal Address:

Street Address: 1013 Centre RoadCity: Wilmington State: DE Zip: 19805Additional name(s) & address(es) attached? — Yes X No

3. Nature of conveyance:

68904 U.S. PTO

- X Assignment  
— Security Agreement  
— Merger  
— Change of Name  
— Other



01/27/97

Execution Date: October 9, 19964. Application number(s) or patent number(s): 08/715,163If this document is being filed together with a new application, the execution date of  
the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? — Yes X No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: ROBERT F. KIRCHNER  
Internal Address: CURTIS, MORRIS & SAFFORD, P.C.Street Address: 530 FIFTH AVENUECity: NEW YORK State: NEW YORK Zip: 100366. Total number of applications and  
patents involved . . . . . 17. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
X Enclosed  
— Authorized to be charged to  
deposit account #03-39258. Deposit account number: 03-3925  
(Attach duplicate copy of this page if paying by deposit  
account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.

DAVID RUBIN, REG. NO. 40,314

Name of Person Signing

Signature

10/17

Date

Total number of pages including cover  
sheet, attachments, and document):

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Mail documents to be recorded with required cover sheet information to:  
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,  
including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet.  
Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems,  
PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011),  
Washington, D.C. 20503.

Curtis, Morris & Safford, P.C.  
File No.: 370208-2250  
Serial No.:  
Filing Date:

#### ASSIGNMENT

We, (1) Jacob N. Wohlstadter, (2) James Wilbur, (3) George Sigal, (4) Mark Martin, (5) Liang-Hong Guo, (6) Alan Fischer (7) Jon Leland and (8) Mark A. Billadeau, who reside respectively at: (1) 19 Everett Street, Cambridge, Massachusetts 02138, (2) 9903 Gable Ridge Terrace, Rockville, Maryland 20850, (3) 304 Sunny Brood Terrace, Gaithersburg, Maryland 20877, (4) 6516 Old Farm Court, Rockville, Maryland 20852, (5) 14611 Philip Court, Laurel, Maryland 20708, (6) 80 Antrim Street, Cambridge, Massachusetts 02139, (7) 14236 Amberleigh Terrace, Silver Spring, Maryland 20905 and (8) 4605 Highboro Court, Mt. Airy, Maryland 21771, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: *MULTI-ARRAY, MULTI-SPECIFIC ELECTROCHEMILUMINESCENCE TESTING*, which application was executed by us

and MESO SCALE TECHNOLOGIES, LLC., whose address is 1013 CENTRE ROAD, WILMINGTON, DELAWARE 19805, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

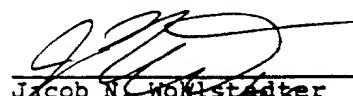
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us or our heirs or representatives if this assignment had not been made; and particularly to

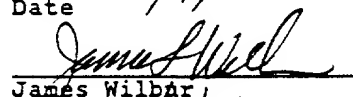
execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the \_\_\_\_ day of \_\_\_\_\_ 1996.

In testimony of which we have affixed our signatures.

  
Jacob N. Wolstead

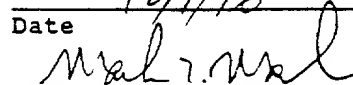
Date 12/4/96

  
James Wilbur


Date 12/4/96

  
George Sigal

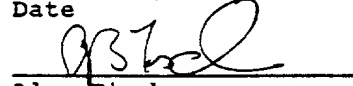
Date 12/4/96

  
Mark Martin


Date 12/4/96

  
Liang-Hong Guo

Date 12/4/96

  
Alan Fischer

Date 12/4/96

  
John Leland

Date 12-4-96

  
Mark A. Billadeau

Date 12/4/96

Applicants: Wohlstadter, et al. CURTIS, MORRIS & SAFFORD, P.C.  
Serial or Patent No.: 08/715,163 File No.: 370208-2250  
Filed: September 17, 1996 Page 1 of 2  
For: MULTI-ARRAY, MULTI-SPECIFIC ELECTROCHEMILUMINESCENCE TESTING

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
- ☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Meso Scale Technologies, LLC.  
ADDRESS OF CONCERN 1013 Centre Road, Wilmington, DE 19805

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled MULTI-ARRAY, MULTI-SPECIFIC ELECTROCHEMILUMINESCENCE TESTING by inventor(s) Wohlstadter, et al. described in

- ☐ the specification filed herewith.
- ☒ application serial no. 08/715,163, filed September 17, 1996.
- ☐ patent no. \_\_, issued \_\_.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27).

Applicants: Wohlstadter, et al. CURTIS, MORRIS & SAFFORD, P.C.  
Serial or Patent No.: 08/715,163 File No.: 370208-2250  
Filed: September 17, 1996 Page 2 of 2  
For: MULTI-ARRAY, MULTI-SPECIFIC ELECTROCHEMILUMINESCENCE TESTING

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Jacob N. Wohlstadter

TITLE OF PERSON  
(if other than owner) \_\_\_\_\_

ADDRESS OF PERSON SIGNING IGEN, Inc.  
16020 Industrial Drive  
Gaithersburg, MD 20877

SIGNATURE  DATE 12/16/96